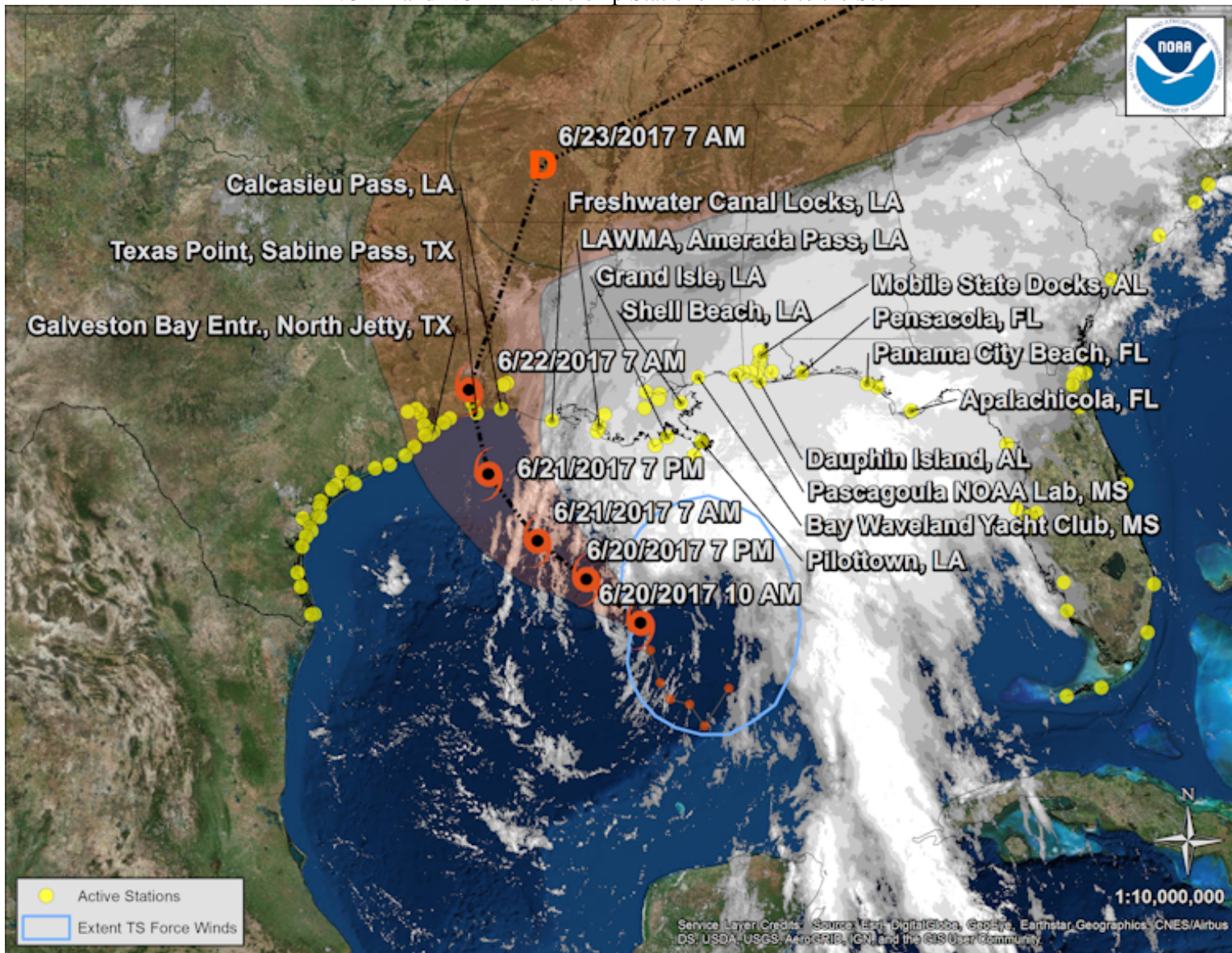


Incident POT\_TROPICAL\_CYCLONE\_THREE QuickLook  
Posted: 11:00 CDT 06/20/2017

NOAA and NOAA Partnership Stations Relative to the Storm



### Storm Analysis

As of 06/20/2017 11:00 CDT, water levels along the central Gulf of Mexico coast are elevated and range between 0.5 to 2.0 ft above normal tide levels. The highest water level residuals are at Bay Waveland, MS and Shell Beach, LA where water levels are around 2.0 ft above normal. Wind and barometric pressure remain steady, along the Gulf Coast, at a range between 10-20 knots and 1011-1015 mb respectively.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: RCL

-----  
SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Potential Tropical Cyclone Three Advisory Number 4  
NWS National Hurricane Center Miami FL AL032017  
1000 AM CDT Tue Jun 20 2017

...TROPICAL STORM WARNING EXTENDED WESTWARD AND TROPICAL STORM WATCH  
ISSUED FOR THE UPPER TEXAS COAST...  
...HEAVY RAINFALL ALONG MUCH OF THE GULF COAST REMAINS THE BIGGEST  
THREAT...

SUMMARY OF 1000 AM CDT...1500 UTC...INFORMATION

-----  
LOCATION...25.9N 90.5W  
ABOUT 265 MI...430 KM S OF MORGAN CITY LOUISIANA  
ABOUT 355 MI...565 KM SE OF GALVESTON TEXAS  
MAXIMUM SUSTAINED WINDS...40 MPH...65 KM/H  
PRESENT MOVEMENT...NW OR 320 DEGREES AT 10 MPH...17 KM/H  
MINIMUM CENTRAL PRESSURE...999 MB...29.50 INCHES

WATCHES AND WARNINGS

-----  
CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning has been extended westward to High Island, Texas.

A Tropical Storm Watch is in effect from west of High Island to San Luis Pass, Texas.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...  
\* High Island to the Mouth of the Pearl River

A Tropical Storm Watch is in effect for...  
\* West of High Island to San Luis Pass

A Tropical Storm Warning means that tropical storm conditions are

expected somewhere within the warning area, in this case within the next 24 to 36 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, generally within 48 hours.

Interests elsewhere along the U.S. Gulf Coast from the central Texas coast to the western Florida Panhandle should monitor the progress of this system.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

## DISCUSSION AND 48-HOUR OUTLOOK

At 1000 AM CDT (1500 UTC), the disturbance was centered near latitude 25.9 North, longitude 90.5 West. The system is moving toward the northwest near 10 mph (17 km/h) and this motion is expected to continue through Wednesday night. A turn toward the north-northwest is forecast early Thursday. On the forecast track, the disturbance is expected to be near the southwest Louisiana coast late Wednesday or Wednesday night, and move inland over western Louisiana and eastern Texas on Thursday.

Maximum sustained winds are near 40 mph (65 km/h) with higher gusts. Some slight strengthening is possible before the system reaches the coast.

Satellite imagery shows that the center of the disturbance is gradually become better defined, and it is likely that the system will become a tropical or subtropical cyclone later today.

\* Formation chance through 48 hours...high...90 percent

\* Formation chance through 5 days...high...90 percent

Tropical-storm-force winds extend outward up to 205 miles (335 km), mainly to the north and east of the center.

The estimated minimum central pressure based on buoy data is 999 mb (29.50 inches).

## HAZARDS AFFECTING LAND

**WIND:** Tropical storm conditions are expected to first reach the coast within the warning area later today and spread westward within the warning area through Wednesday. Tropical storm conditions are possible in the watch area on Wednesday.

**RAINFALL:** The disturbance is expected to produce total rain

accumulations of 6 to 9 inches with isolated maximum amounts of 12 inches over southeastern Louisiana, southern Mississippi, southern Alabama, and the Florida Panhandle through Thursday. Rainfall amounts of 3 to 5 inches with isolated maximum amounts of 6 inches can be expected farther west across southwest Louisiana into southeast Texas through Thursday.

**STORM SURGE:** Inundation of 1 to 3 feet above ground level is possible along the coast in portions of the Tropical Storm Warning area.

**TORNADOES:** A tornado or two is possible this afternoon and tonight from south-central Louisiana to the western Florida Panhandle.

#### NEXT ADVISORY

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Next intermediate advisory at 100 PM CDT.

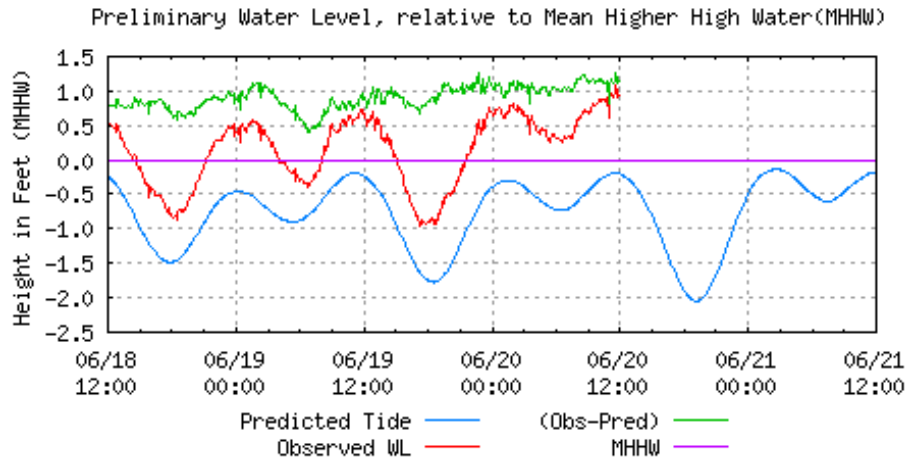
Next complete advisory at 400 PM CDT.

Forecaster Brennan

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Texas Point, Sabine Pass - Water Level](#), [Texas Point, Sabine Pass - Winds](#), [Texas Point, Sabine Pass - Barometric](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [Freshwater Canal Locks - Water Level](#), [Freshwater Canal Locks - Winds](#), [Freshwater Canal Locks - Barometric](#), [LAWMA, Amerada Pass - Water Level](#), [LAWMA, Amerada Pass - Winds](#), [LAWMA, Amerada Pass - Barometric](#), [Grand Isle - Water Level](#), [Grand Isle - Winds](#), [Grand Isle - Barometric](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Shell Beach - Barometric](#), [Pilottown - Water Level](#), [Pilottown - Winds](#), [Pilottown - Barometric](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Dock C, Port of Pascagoula - Winds](#), [Dock C, Port of Pascagoula - Barometric](#), [Mobile State Docks - Water Level](#), [Mobile State Docks - Barometric](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Barometric](#), [Panama City Beach - Water Level](#), [Panama City Beach - Winds](#), [Panama City Beach - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Galveston Bay Entrance, North Jetty - Water Level](#), [Galveston Bay Entrance, North Jetty - Winds](#), [Galveston Bay Entrance, North Jetty - Barometric](#)

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



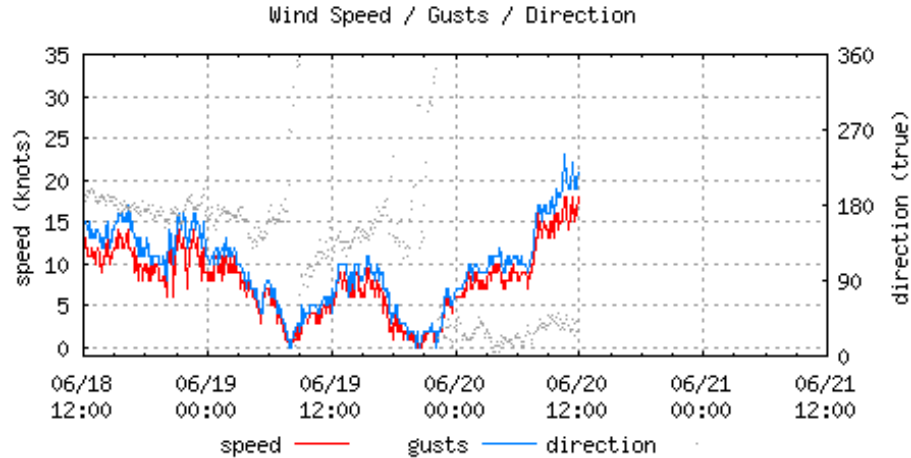
Last Observed Sample: 06/20/2017 12:00 (CDT). Data relative to MHHW

Observed: 0.97 ft. Predicted: -0.20 ft. Residual: 1.17 ft.

Historical Maximum Water Level: Mar 20 2012, 1.91 ft.

Next High Tide: 06/21/2017 02:39 (CDT), -0.14 ft.

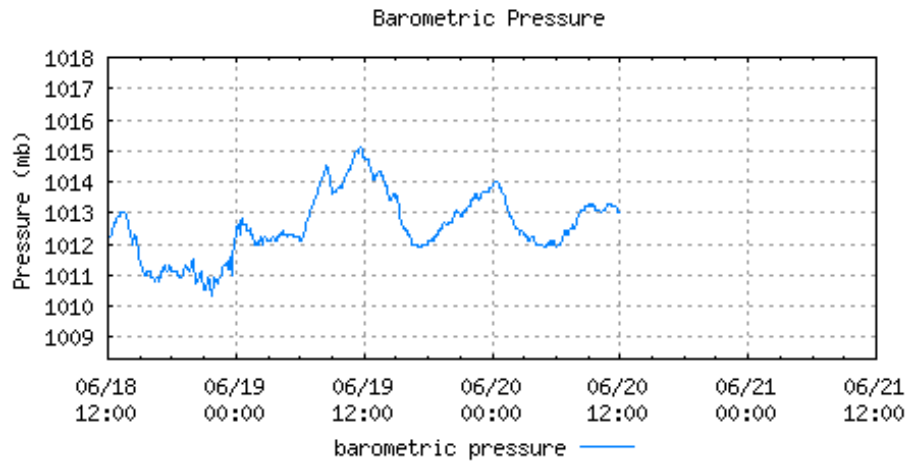
NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



Last Observed Sample: 06/20/2017 12:00 (CDT)

Wind Speed: 17 knots Gusts: 20 knots Direction: 34° T

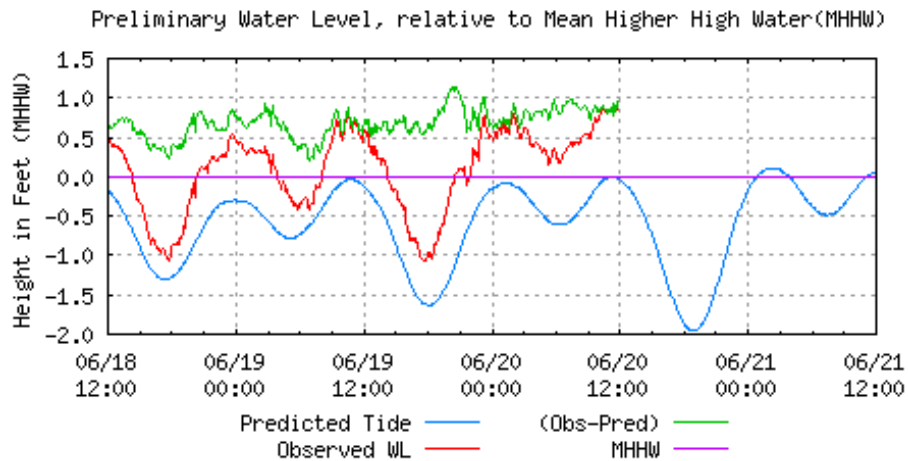
NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



Last Observed Sample: 06/20/2017 12:00 (CDT)

Barometric Pressure: 1012.9 mb

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA



Last Observed Sample: 06/20/2017 11:54 (CDT). Data relative to MHHW

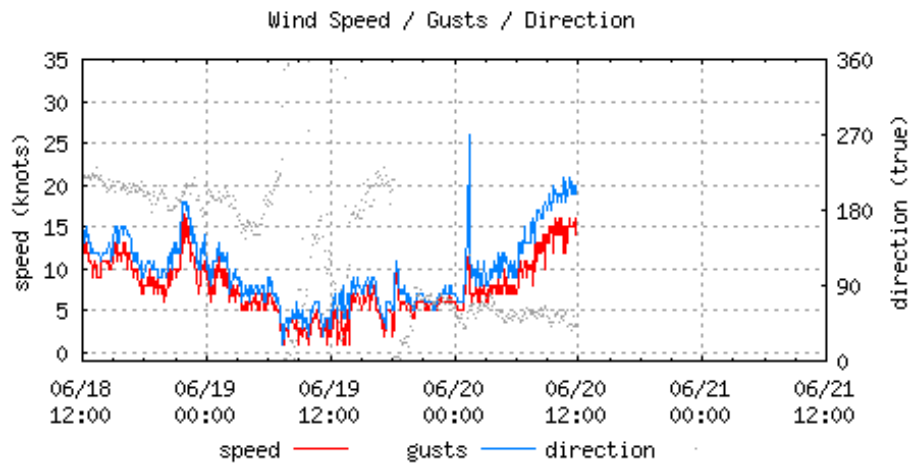
Observed: 0.90 ft. Predicted: -0.03 ft. Residual: 0.93 ft.

Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 06/21/2017 02:18 (CDT), 0.11 ft.



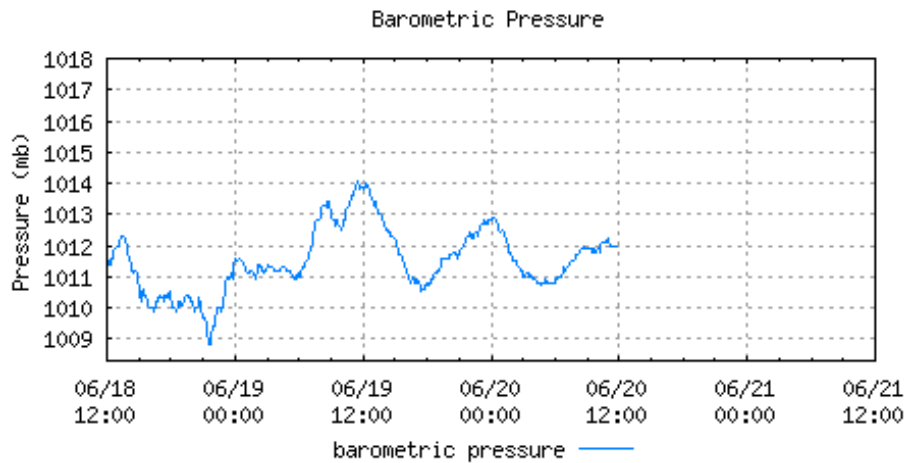
NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA



Last Observed Sample: 06/20/2017 11:54 (CDT)

Wind Speed: 13 knots Gusts: 17 knots Direction: 47° T

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

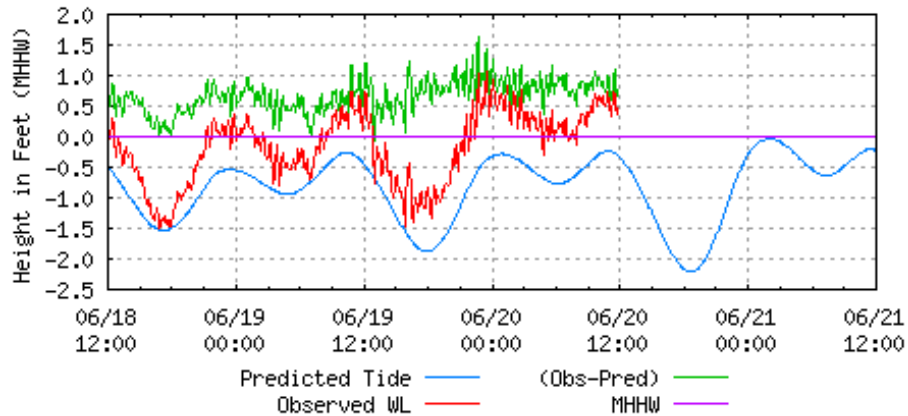


Last Observed Sample: 06/20/2017 11:54 (CDT)

Barometric Pressure: 1011.9 mb

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/20/2017 11:54 (CDT). Data relative to MHHW

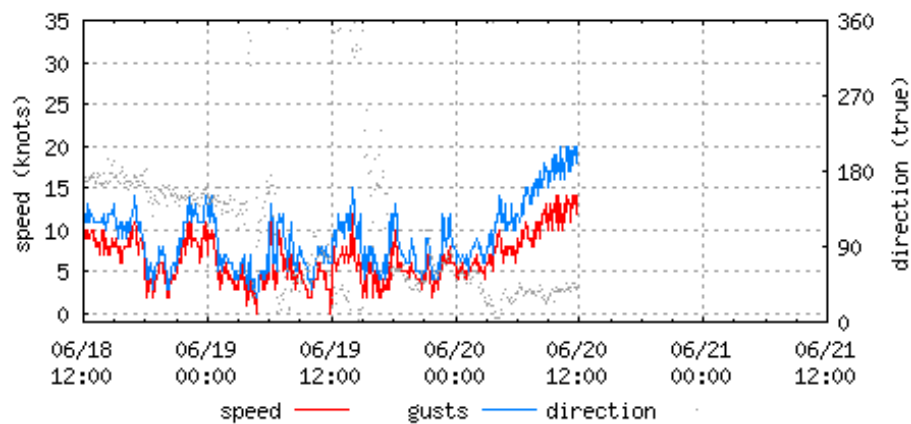
Observed: 0.78 ft. Predicted: -0.32 ft. Residual: 1.10 ft.

Historical Maximum Water Level: Sep 12 2008, 7.98 ft.

Next High Tide: 06/21/2017 02:00 (CDT), -0.03 ft.

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

Wind Speed / Gusts / Direction

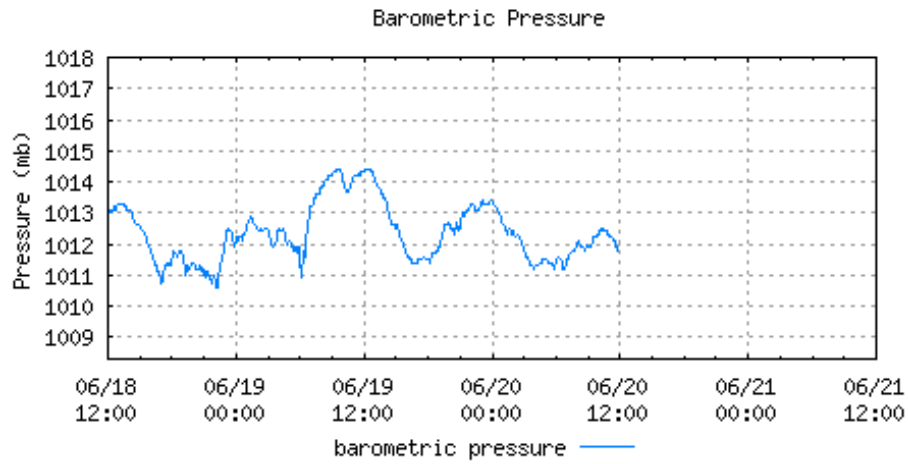


Last Observed Sample: 06/20/2017 11:54 (CDT)

Wind Speed: 13 knots Gusts: 17 knots Direction: 46° T



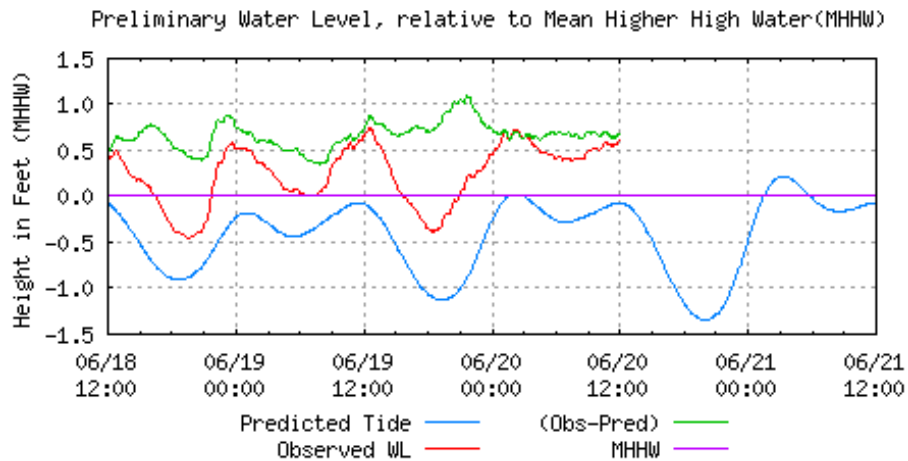
NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA



Last Observed Sample: 06/20/2017 11:54 (CDT)

Barometric Pressure: 1012.0 mb

NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA



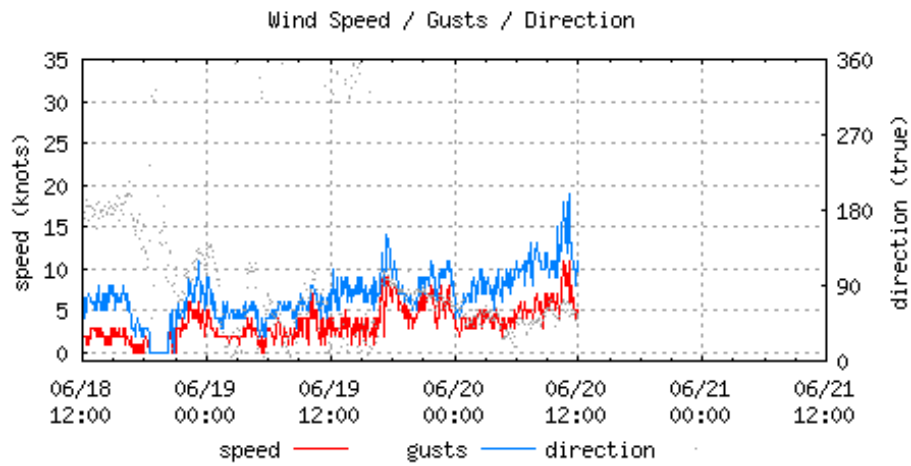
Last Observed Sample: 06/20/2017 12:00 (CDT). Data relative to MHHW

Observed: 0.63 ft. Predicted: -0.08 ft. Residual: 0.71 ft.

Historical Maximum Water Level: Sep 12 2008, 5.90 ft.

Next High Tide: 06/21/2017 03:16 (CDT), 0.22 ft.

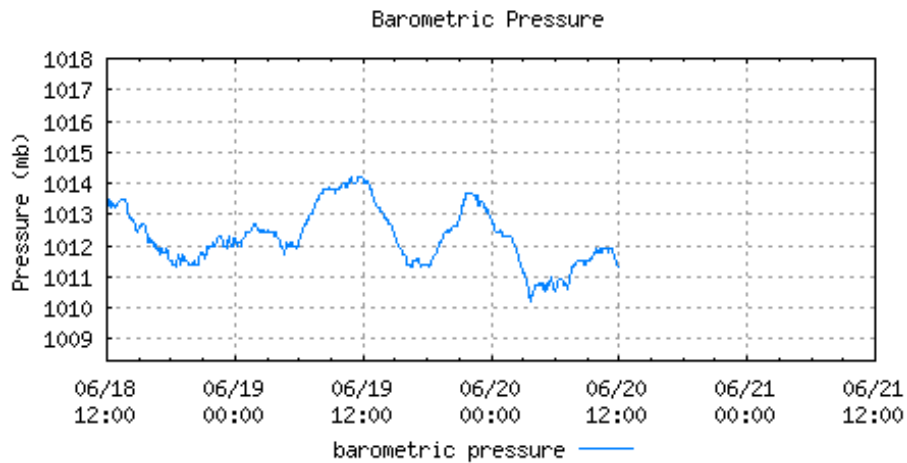
NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA



Last Observed Sample: 06/20/2017 12:00 (CDT)

Wind Speed: 6 knots Gusts: 11 knots Direction: 51° T

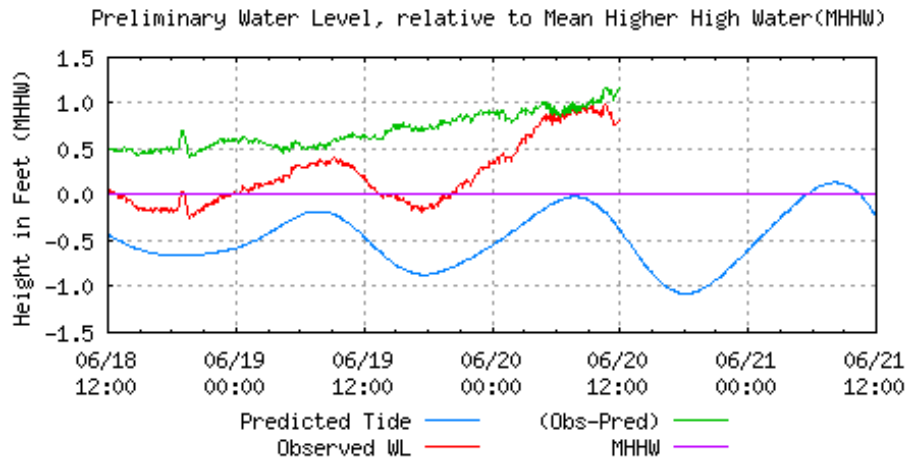
NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA



Last Observed Sample: 06/20/2017 12:00 (CDT)

Barometric Pressure: 1011.2 mb

NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



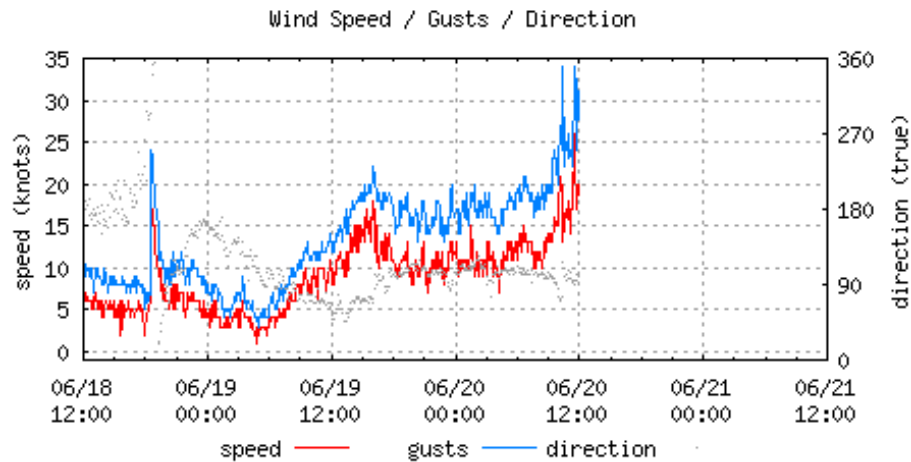
Last Observed Sample: 06/20/2017 12:00 (CDT). Data relative to MHHW

Observed: 0.79 ft. Predicted: -0.39 ft. Residual: 1.18 ft.

Historical Maximum Water Level: Aug 29 2012, 4.45 ft.

Next High Tide: 06/21/2017 08:08 (CDT), 0.14 ft.

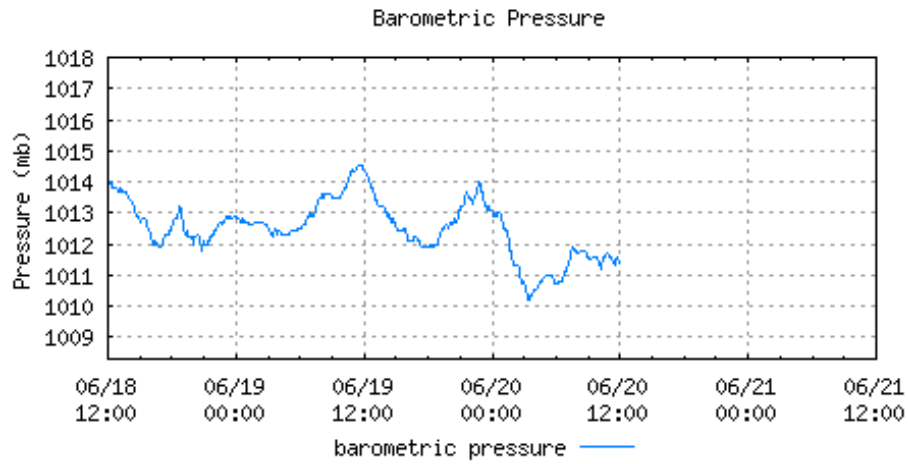
NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



Last Observed Sample: 06/20/2017 12:00 (CDT)

Wind Speed: 19 knots Gusts: 28 knots Direction: 92° T

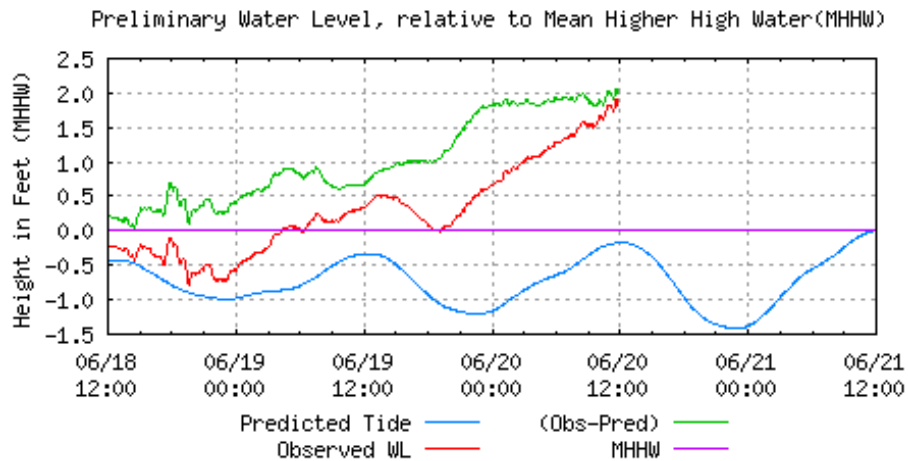
NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



Last Observed Sample: 06/20/2017 12:00 (CDT)

Barometric Pressure: 1011.3 mb

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



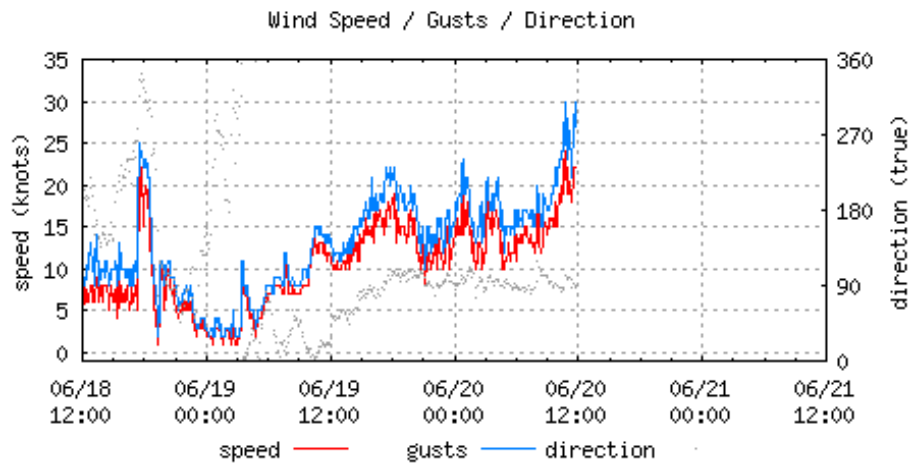
Last Observed Sample: 06/20/2017 11:54 (CDT). Data relative to MHHW

Observed: 1.88 ft. Predicted: -0.17 ft. Residual: 2.05 ft.

Historical Maximum Water Level: Aug 29 2012, 9.45 ft.

Next High Tide: 06/20/2017 12:05 (CDT), -0.17 ft.

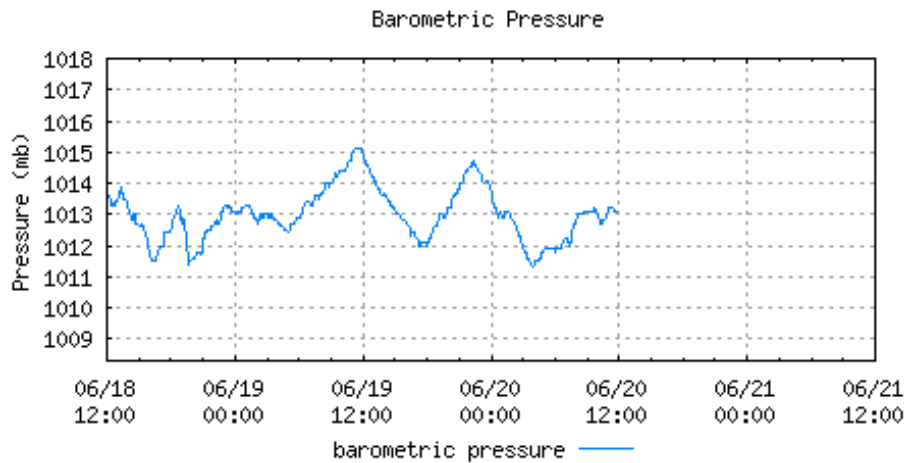
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 06/20/2017 11:54 (CDT)

Wind Speed: 25 knots Gusts: 29 knots Direction: 88° T

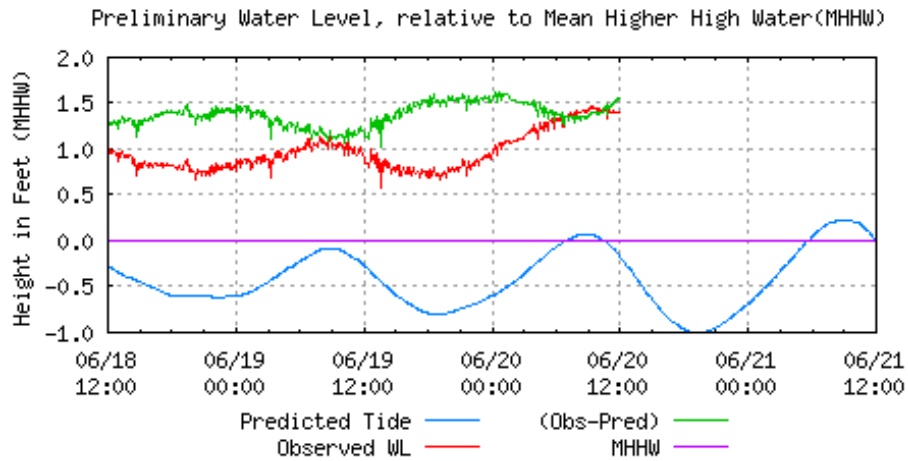
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 06/20/2017 11:54 (CDT)

Barometric Pressure: 1013.2 mb

NOAA/NOS/CO-OPS 8760721 Pilottown, LA



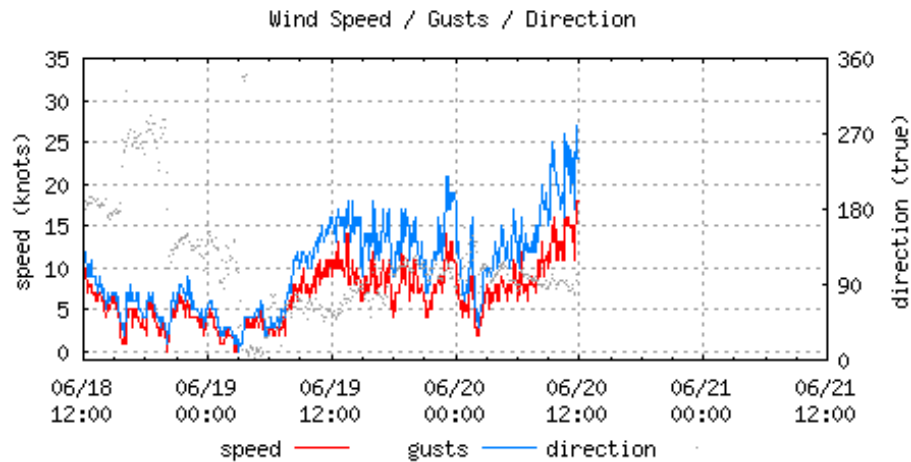
Last Observed Sample: 06/20/2017 12:00 (CDT). Data relative to MHHW

Observed: 1.42 ft. Predicted: -0.17 ft. Residual: 1.59 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/21/2017 09:02 (CDT), 0.23 ft.

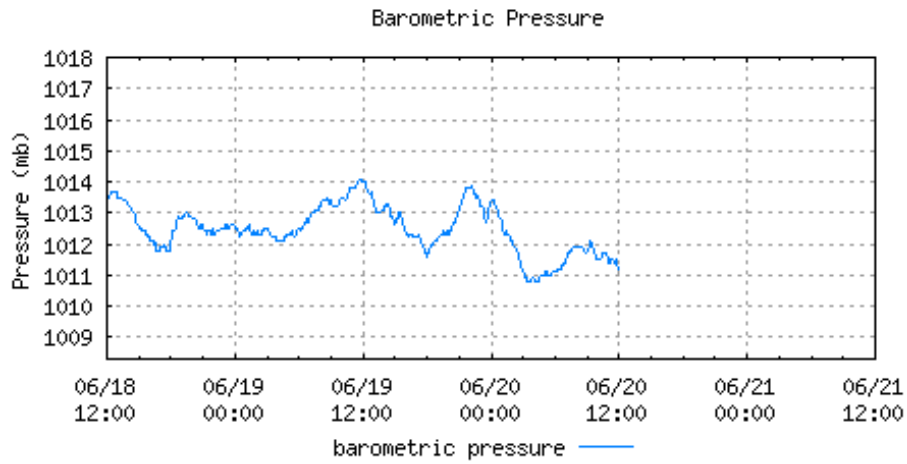
NOAA/NOS/CO-OPS 8760721 Pilottown, LA



Last Observed Sample: 06/20/2017 12:00 (CDT)

Wind Speed: 15 knots Gusts: 28 knots Direction: 104° T

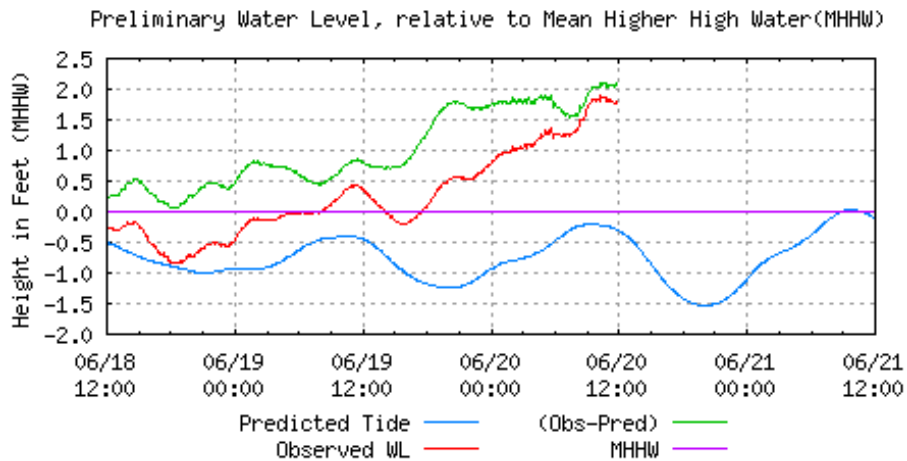
NOAA/NOS/CO-OPS 8760721 Pilottown, LA



Last Observed Sample: 06/20/2017 12:00 (CDT)

Barometric Pressure: 1011.3 mb

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 06/20/2017 11:54 (CDT). Data relative to MHHW

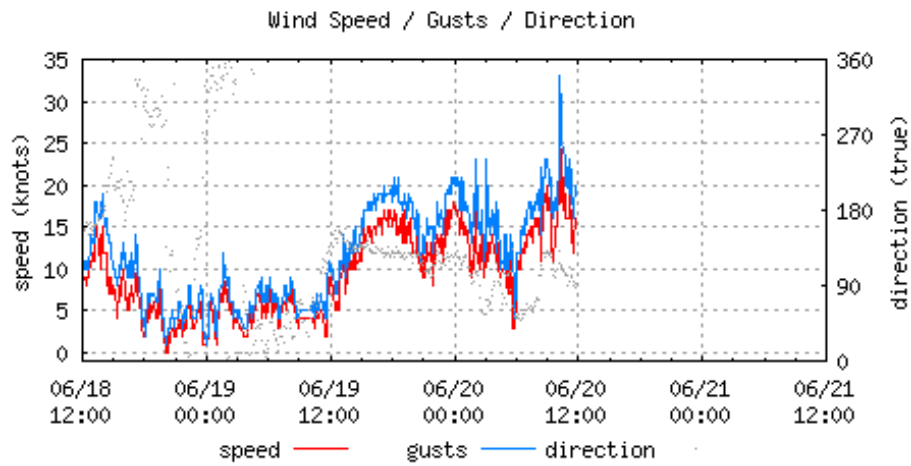
Observed: 1.77 ft. Predicted: -0.31 ft. Residual: 2.08 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 06/21/2017 09:46 (CDT), 0.03 ft.



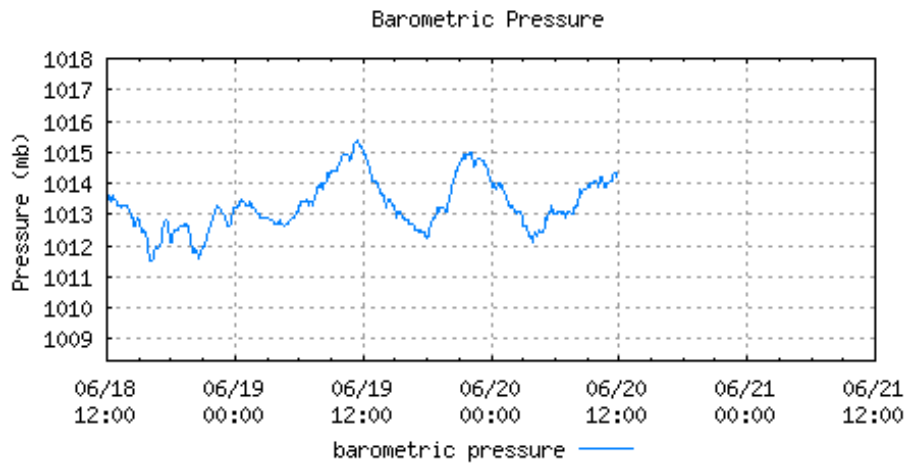
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 06/20/2017 11:54 (CDT)

Wind Speed: 15 knots Gusts: 20 knots Direction: 85° T

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

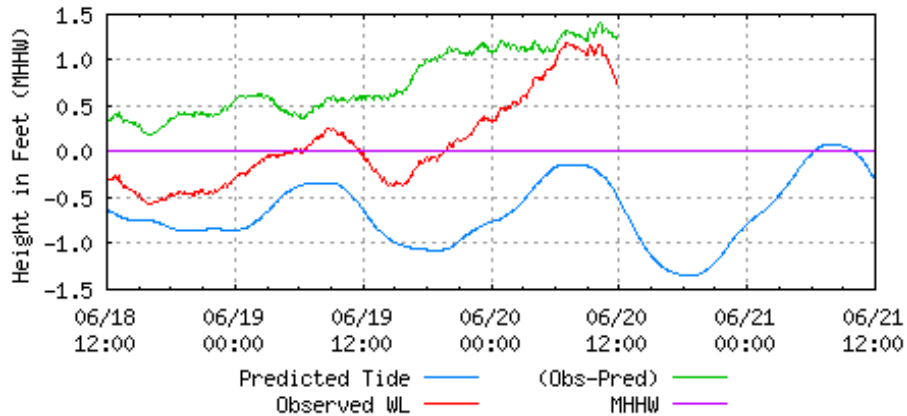


Last Observed Sample: 06/20/2017 11:54 (CDT)

Barometric Pressure: 1014.2 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/20/2017 11:54 (CDT). Data relative to MHHW

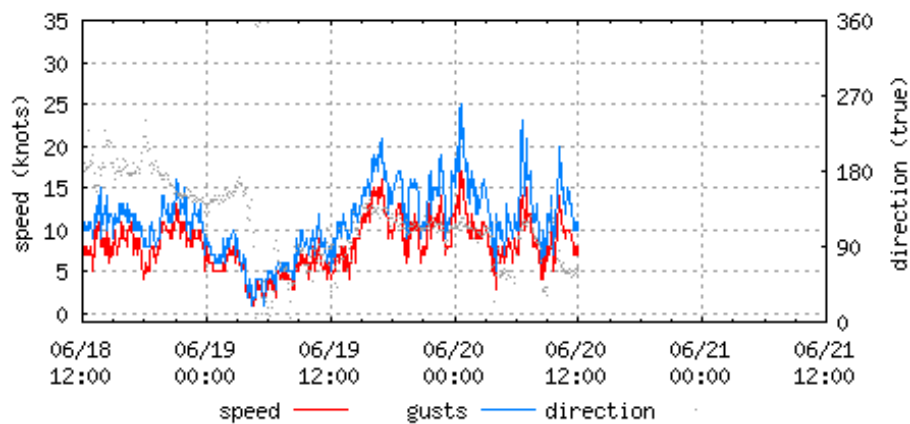
Observed: 0.72 ft. Predicted: -0.50 ft. Residual: 1.22 ft.

Historical Maximum Water Level: Sep 1 2008, 4.90 ft.

Next High Tide: 06/21/2017 07:53 (CDT), 0.09 ft.

NOAA/NOS/CO-OPS 8741501 Dock C, Port of Pascagoula, MS

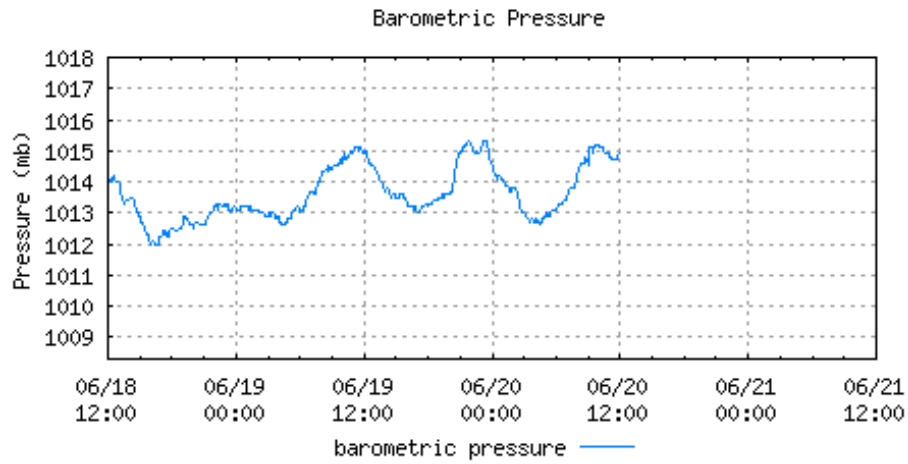
Wind Speed / Gusts / Direction



Last Observed Sample: 06/20/2017 12:00 (CDT)

Wind Speed: 8 knots Gusts: 11 knots Direction: 61° T

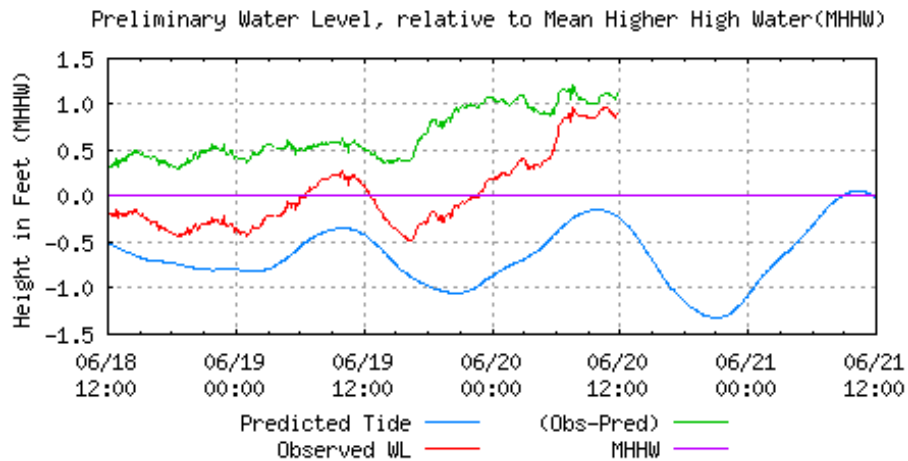
NOAA/NOS/CO-OPS 8741501 Dock C, Port of Pascagoula, MS



Last Observed Sample: 06/20/2017 12:00 (CDT)

Barometric Pressure: 1014.9 mb

NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL



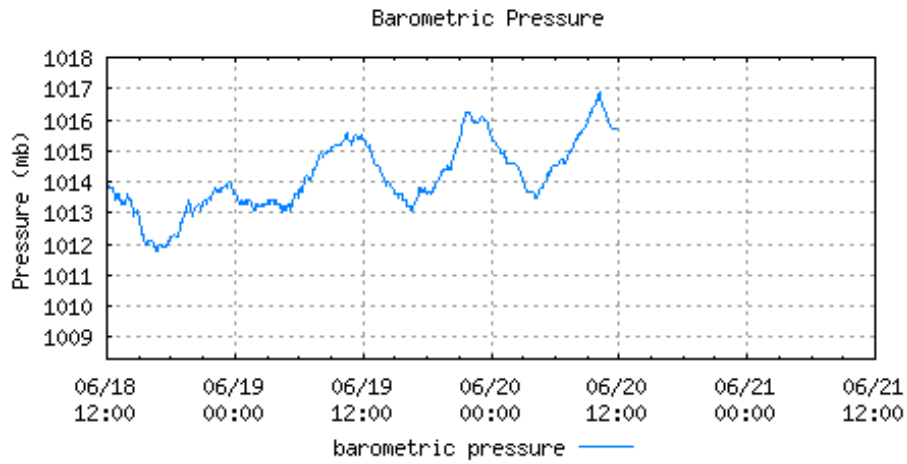
Last Observed Sample: 06/20/2017 11:54 (CDT). Data relative to MHHW

Observed: 0.87 ft. Predicted: -0.23 ft. Residual: 1.10 ft.

Historical Maximum Water Level: Aug 29 2012, 3.67 ft.

Next High Tide: 06/21/2017 10:17 (CDT), 0.06 ft.

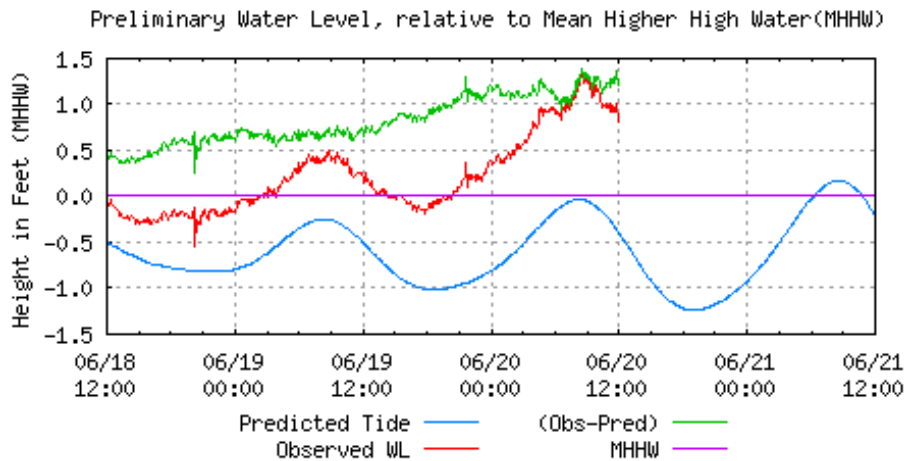
NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL



Last Observed Sample: 06/20/2017 11:54 (CDT)

Barometric Pressure: 1015.7 mb

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



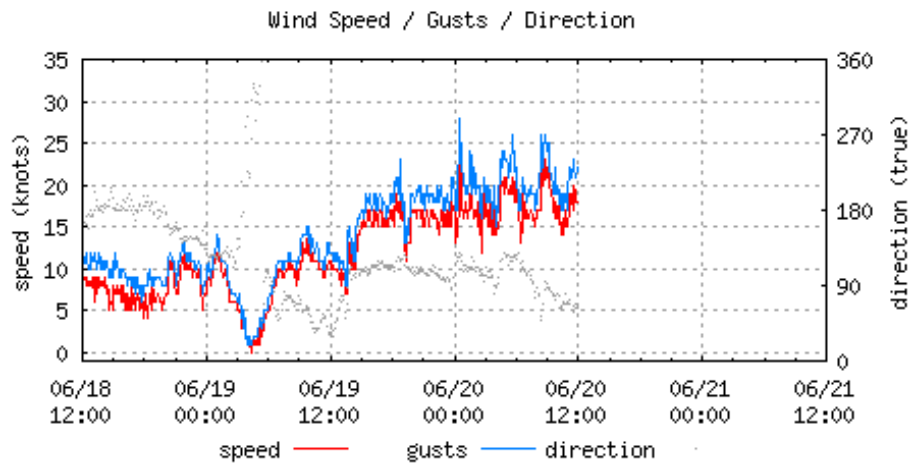
Last Observed Sample: 06/20/2017 11:54 (CDT). Data relative to MHHW

Observed: 0.82 ft. Predicted: -0.38 ft. Residual: 1.20 ft.

Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

Next High Tide: 06/21/2017 08:35 (CDT), 0.17 ft.

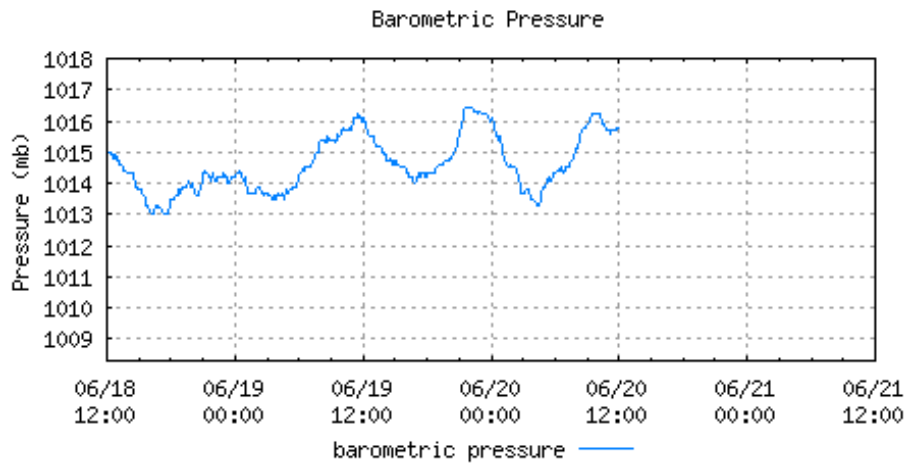
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 06/20/2017 11:54 (CDT)

Wind Speed: 18 knots Gusts: 22 knots Direction: 64° T

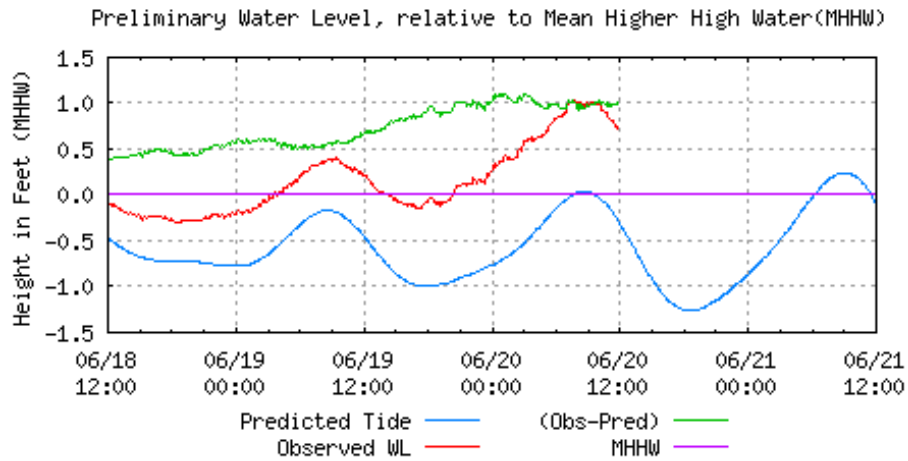
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 06/20/2017 11:54 (CDT)

Barometric Pressure: 1015.8 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



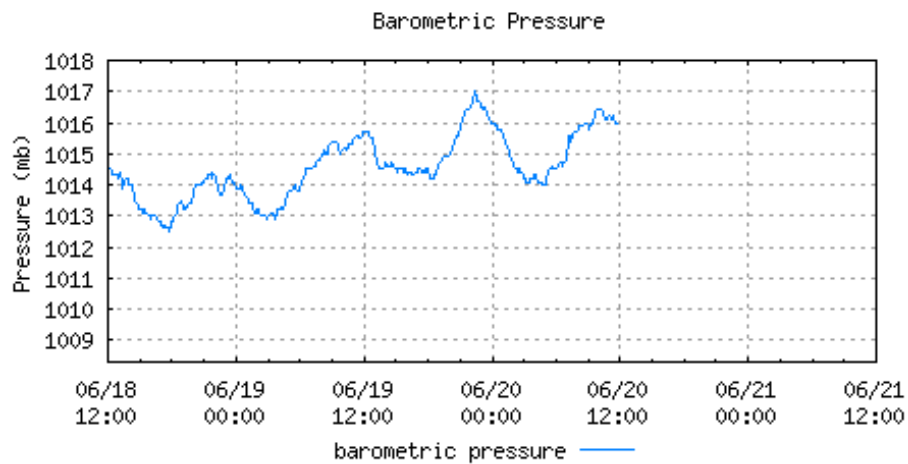
Last Observed Sample: 06/20/2017 11:54 (CDT). Data relative to MHHW

Observed: 0.71 ft. Predicted: -0.30 ft. Residual: 1.01 ft.

Historical Maximum Water Level: Sep 18 1926, 7.41 ft.

Next High Tide: 06/21/2017 09:02 (CDT), 0.24 ft.

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

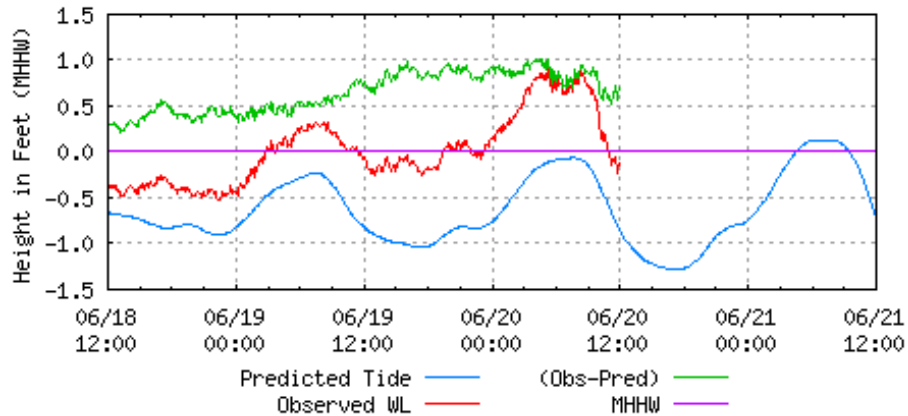


Last Observed Sample: 06/20/2017 11:54 (CDT)

Barometric Pressure: 1015.9 mb

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/20/2017 12:00 (CDT). Data relative to MHHW

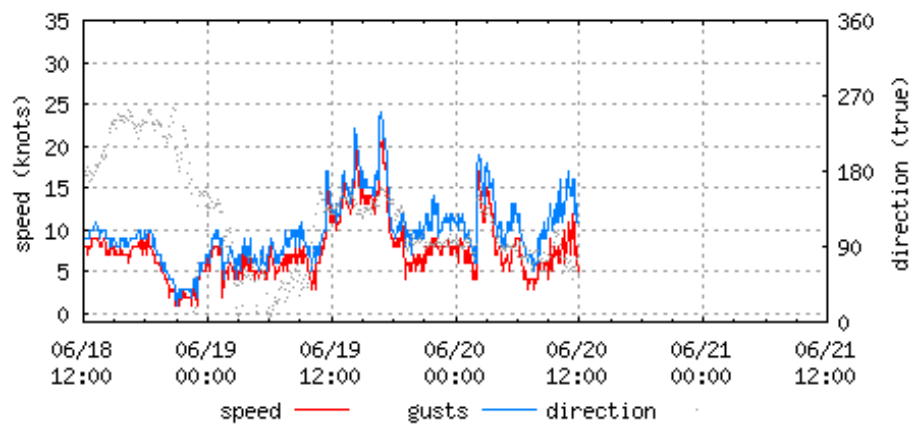
Observed: -0.20 ft. Predicted: -0.86 ft. Residual: 0.66 ft.

Historical Maximum Water Level: Oct 4 1995, 6.84 ft.

Next High Tide: 06/21/2017 06:50 (CDT), 0.13 ft.

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

Wind Speed / Gusts / Direction

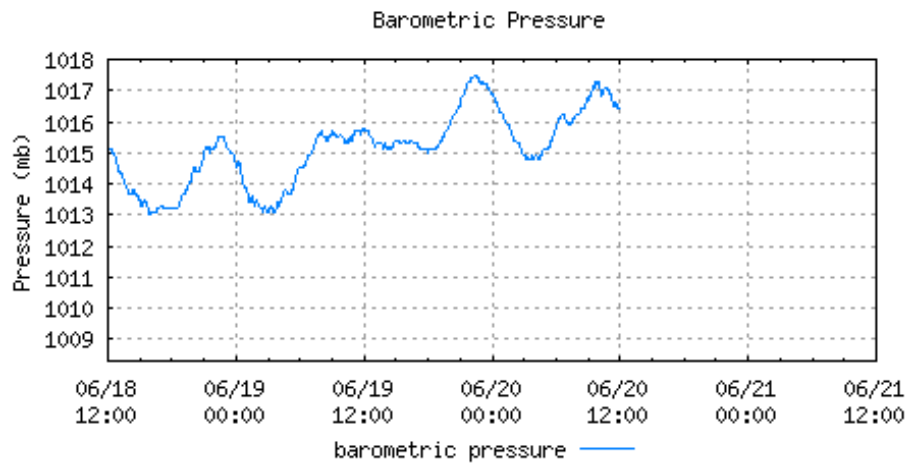


Last Observed Sample: 06/20/2017 12:00 (CDT)

Wind Speed: 6 knots Gusts: 11 knots Direction: 69° T



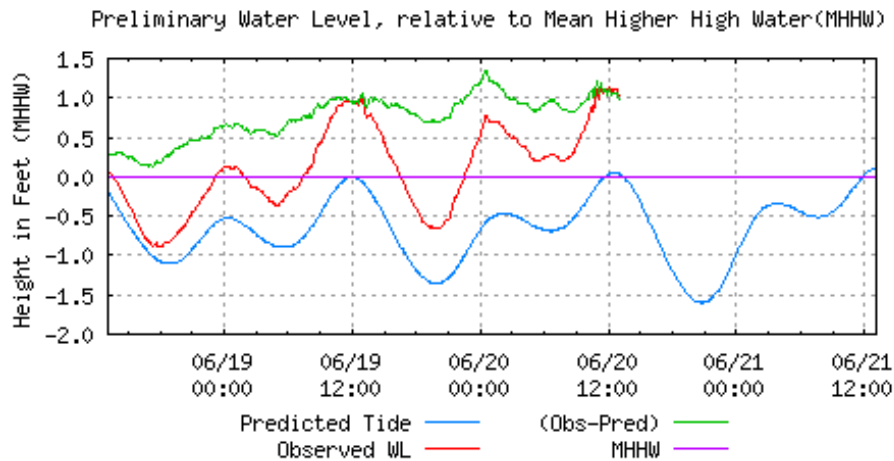
NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL



Last Observed Sample: 06/20/2017 12:00 (CDT)

Barometric Pressure: 1016.4 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



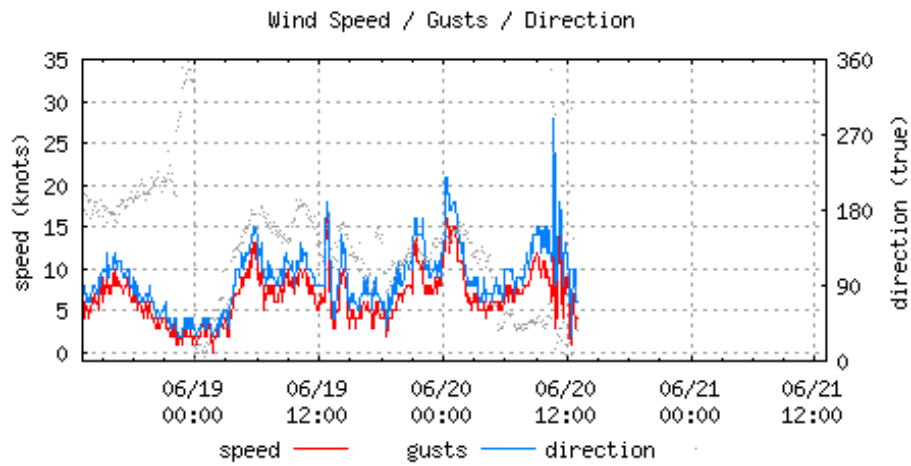
Last Observed Sample: 06/20/2017 13:00 (EDT). Data relative to MHHW

Observed: 1.03 ft. Predicted: 0.04 ft. Residual: 0.99 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 06/21/2017 03:47 (EDT), -0.34 ft.

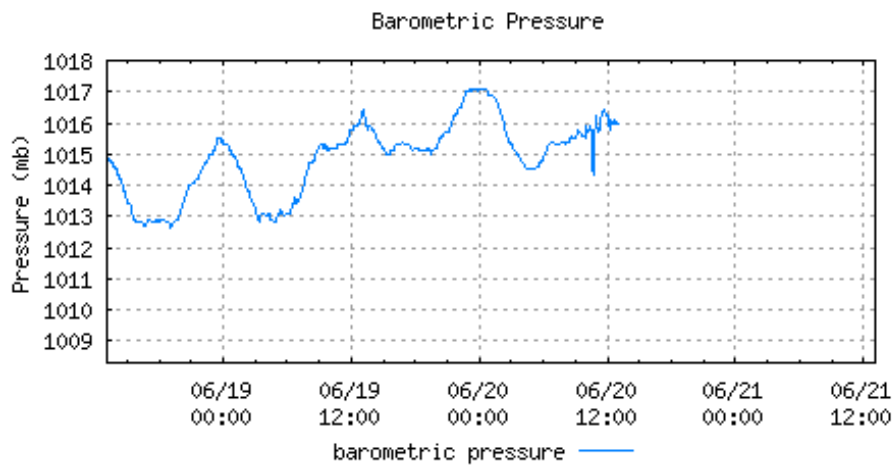
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 06/20/2017 13:00 (EDT)

Wind Speed: 4 knots Gusts: 6 knots Direction: 37° T

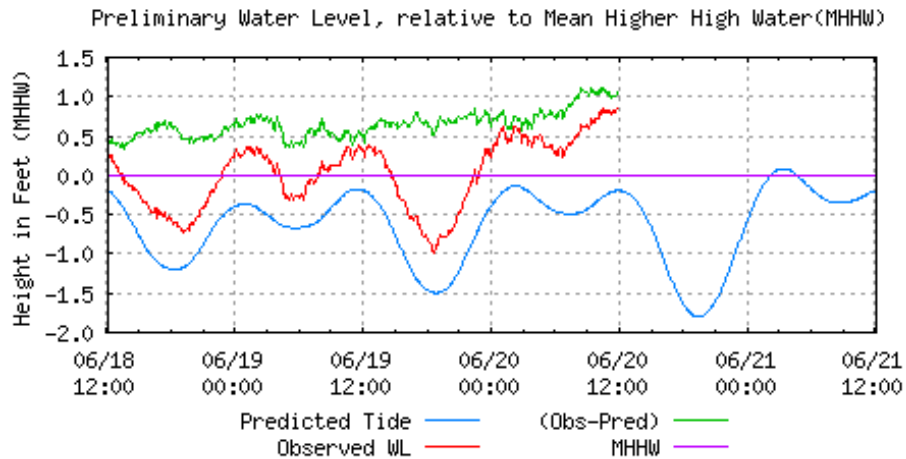
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 06/20/2017 13:00 (EDT)

Barometric Pressure: 1016.0 mb

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



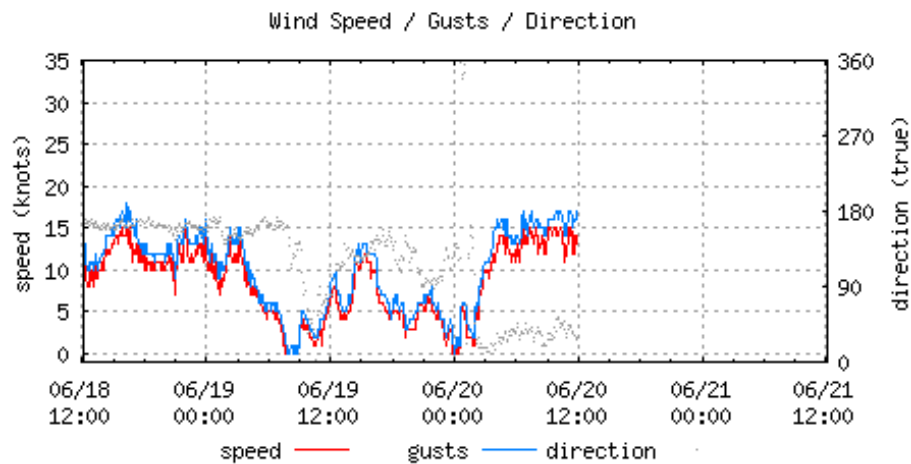
Last Observed Sample: 06/20/2017 11:54 (CDT). Data relative to MHHW

Observed: 0.86 ft. Predicted: -0.19 ft. Residual: 1.05 ft.

Historical Maximum Water Level: Jul 15 2003, 4.08 ft.

Next High Tide: 06/20/2017 11:56 (CDT), -0.20 ft.

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



Last Observed Sample: 06/20/2017 11:54 (CDT)

Wind Speed: 14 knots Gusts: 17 knots Direction: 30° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX  
NOAA/NOS/CO-OPS

	This data type is not currently				
	available from this station.				

Last Observed Sample: 06/20/2017 11:54 (CDT)  
[Barometric Pressure: 1012.2 mb](#)

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8770822	Texas Point, Sabine Pass, TX	06/20/2017 12:00 (CDT)	0.97 ft	-0.20 ft	1.17 ft	1.08 ft
8768094	Calcasieu Pass, LA	06/20/2017 11:54 (CDT)	0.90 ft	-0.03 ft	0.93 ft	0.94 ft
8766072	Freshwater Canal Locks, LA	06/20/2017 11:54 (CDT)	0.78 ft	-0.32 ft	1.10 ft	1.09 ft
8764227	LAWMA, Amerada Pass, LA	06/20/2017 12:00 (CDT)	0.63 ft	-0.08 ft	0.71 ft	0.75 ft
8761724	Grand Isle, LA	06/20/2017 12:00 (CDT)	0.79 ft	-0.39 ft	1.18 ft	0.99 ft
8761305	Shell Beach, LA	06/20/2017 11:54 (CDT)	1.88 ft	-0.17 ft	2.05 ft	1.90 ft
8760721	Pilottown, LA	06/20/2017 12:00 (CDT)	1.42 ft	-0.17 ft	1.59 ft	1.47 ft
8747437	Bay Waveland Yacht Club, MS	06/20/2017 11:54 (CDT)	1.77 ft	-0.31 ft	2.08 ft	1.89 ft
8741533	Pascagoula NOAA Lab, MS	06/20/2017 11:54 (CDT)	0.72 ft	-0.50 ft	1.22 ft	1.19 ft
8737048	Mobile State Docks, AL	06/20/2017 11:54 (CDT)	0.87 ft	-0.23 ft	1.10 ft	0.97 ft
8735180	Dauphin Island, AL	06/20/2017 11:54 (CDT)	0.82 ft	-0.38 ft	1.20 ft	1.35 ft
8729840	Pensacola, FL	06/20/2017 11:54 (CDT)	0.71 ft	-0.30 ft	1.01 ft	1.02 ft
8729210	Panama City Beach, FL	06/20/2017 12:00 (CDT)	-0.20 ft	-0.86 ft	0.66 ft	0.89 ft
8728690	Apalachicola, FL	06/20/2017 13:00 (EDT)	1.03 ft	0.04 ft	0.99 ft	1.14 ft
8771341	Galveston Bay Entrance, North Jetty, TX	06/20/2017 11:54 (CDT)	0.86 ft	-0.19 ft	1.05 ft	0.86 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce